



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Tuesday Evening, August 16, 2016

## ***Electricity***

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### **Update: Over 30,000 Customers Remain without Power in Louisiana August 16 after Strong Storms, Flooding Hit August 14–15**

Power restoration efforts were continuing on Tuesday after heavy rains and historic flooding knocked out power to at least 26,000 Entergy Louisiana and 28,000 Dixie Electric Membership Corporation (DEMCO) customers in Southeast Louisiana on Sunday night, with impacts lingering into Monday and Tuesday. As of 3:30 p.m. EDT Tuesday, 18,088 Entergy Louisiana and 12,474 DEMCO customers remained without power. Entergy said crews were continuing to restore power where access to facilities was available, and that high water was receding. Meanwhile, DEMCO said all substations have had water recede and crews were working from substations towards members assessing the larger cabinets.

<http://www.etrviewoutage.com/external/la.aspx>

[http://entergystormcenter.com/article.aspx?NR\\_ID=900](http://entergystormcenter.com/article.aspx?NR_ID=900)

<https://www.facebook.com/DEMCOLouisiana>

<http://demco.maps.sienatech.com/>

### **Storms Knock Out Power to 17,000 DTE Energy Customers in Michigan August 16**

Storms producing heavy rain knocked out power to 17,000 DTE Energy customers in the metropolitan Detroit area overnight on Monday. DTE Energy said the majority of outages were in the Livonia area and were due to trees knocking down power lines. As of 3:30 p.m. EDT Tuesday, 2,364 customers remained without power.

<http://www.dteenergy.com/map/outage.html>

<http://detroit.cbslocal.com/2016/08/16/thousands-without-power-following-overnight-storms/>

### **Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Reduced to 50 Percent by August 16**

The unit was reduced from full power on August 15 due to the salt service water being declared inoperable.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160816en.html>

## ***Petroleum***

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### **Phillips 66 to Restart Hydrotreater at Its 336,000 b/d Wood River, Illinois Refinery August 16 – Source**

Phillips 66 plans on restarting a 30,000 b/d diesel hydrotreater at its refinery in Wood River, Illinois on Tuesday after it was unexpectedly shut 24 hours earlier, according to a source familiar with the plant's operations. The company also notified state regulators Tuesday of an unspecified unit upset.

Reuters, 4:06 August 16, 2016

Reuters, 11:44 August 16, 2016

### **ExxonMobil Reports Operational Issue at Its 560,500 b/d Baytown, Texas Refinery August 16**

ExxonMobil Corp reported an operational issue resulting in intermittent safety flaring at its Baytown, Texas refinery complex on Tuesday, according to a community information line.

Reuters, 9:53 August 16, 2016

## **Phillips 66 Reports Unplanned Flaring at Its 139,000 b/d Wilmington, California Refinery August 16**

Phillips 66 reported unplanned flaring at its Carson crude oil processing facility, part of its Wilmington, California refinery in the Los Angeles area, according to a filing with the South Coast Air Quality Management District. The refinery has two linked facilities about five miles apart in Carson and Wilmington. The former processes crude oil while the latter upgrades the products.

Reuters, 13:44 August 16, 2016

## **Imperial Says Its 121,000 b/d Sarnia, Ontario Refinery Not Source of Oily Sheen on St. Clair River August 16**

Imperial Oil said on Tuesday that its Sarnia, Ontario refinery was not the source of an oily sheen noticed on the St. Clair River and there were no operational issues at the facility. An Imperial spokeswoman said the sheen on the river was spotted flowing alongside Imperial's Ontario refinery at 8:30 a.m. EDT, and the company reported it to local authorities. The source of the sheen is still unknown.

Reuters, 14:25 August 16, 2016

Reuters, 10:34 August 16, 2016

## **Update: Shell Begins Restarting Crude Unit at Its 75,000 b/d Sarnia, Ontario Refinery August 16 – Source**

Royal Dutch Shell has begun restarting a 37,500 b/d crude unit at its Sarnia, Ontario, refinery after it was unexpectedly shut due to a leak last Thursday, according to a source familiar with the plant's operations. The company plans to shut the same unit on September 7 for up to 40 days of work.

Reuters, 13:47 August 16, 2016

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## **Natural Gas**

### **ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas August 14**

ExxonMobil reported the Wauk-3 unit shut on low engine jacket water level. The wells were shut in to mitigate flaring while awaiting repairs.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=241665>

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## **Other News**

### **DOE Secretary Calls for Increased Investment to Enhance U.S. Energy Emergency Response August 15**

The Department of Energy (DOE) Secretary Moniz on Monday called for increased investments in U.S. energy emergency response in his testimony before a field hearing held by Ranking Member Maria Cantwell and the Senate Committee on Energy and Natural Resources. Secretary Moniz highlighted DOE's expanded emergency response responsibilities, and the need for comprehensive and coordinated response capabilities in the face of increasingly integrated energy systems and an evolving threat environment. In order to better harden energy systems against attacks, DOE on Monday announced up to \$34 million in funding, subject to appropriations, for twelve projects representing energy sector organizations in nine states through the Office of Electricity Delivery and Energy Reliability's Cybersecurity of Energy Delivery Systems (CEDS) program. The projects, which include two awards in Washington State, will include cybersecurity education for energy sector professionals and research and development of tools to strengthen protection of the nation's energy infrastructure from cyberattacks. Secretary Moniz also detailed DOE's increased role in emergency response coordination as it relates to recovery from natural and manmade events such as severe weather, natural disasters, electromagnetic pulses (EMPs), the impacts of climate change, aging infrastructure, and cyber threats.

<http://www.energy.gov/articles/secretary-monizs-testimony-senate-committee-energy-natural-resources-field-hearing-seattle>

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## **International News**

Nothing to report.

## Energy Prices

U.S. Oil and Gas Prices			
August 16, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	46.52	42.73	42.40
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.71	2.83	2.92

Source: Reuters

## Links

***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)